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which was referred a letter from the Superintendent of the U. S. Coast Survey, to wit:

1. That the survey of the coast is a work, which, from its importance to our citizens, recommends itself in the strongest manner to the protection of the government.

2. That the benefits, both of a scientific and practical character, which have already been derived, and are constantly resulting from it, are such as to repay abundantly the labour and expense which have been and may hereafter be devoted to it.

3. That it has heretofore been conducted accurately, efficiently, and economically, and that there is every reason to believe that it will best thrive by being left with its present organization.

4. And that, as well from the magnitude of the undertaking, as from the skill and energy with which it has been conducted, it will prove honourable to those who first conceived it, and to those who have been engaged in its prosecution.

### *Stated Meeting, February 16.*

Present, eleven members.

Dr. PATTERSON, President, in the Chair.

Letters were received and read:—

From Prof. E. N. Horsford, dated Cambridge, Feb. 2, 1849, acknowledging the receipt of notice of his election as a member of this Society: and—

From the Franklin Institute, dated Philadelphia, 18th January, 1849, acknowledging the receipt of Vol V. No. 41, of the Proceedings of this Society.

The following donations were announced:—

#### FOR THE LIBRARY.

Monograph of the Fossil Squalidæ of the United States. By Robert W. Gibbs, M.D. of Columbia, S. C. No. 2. Reprinted from the Journal of the Academy of Natural Sciences of Philadelphia, January, 1849. 4to.—*From the Author.*

The Medical News and Library. Vol. VII. No. 74. February, 1849. 8vo.—*From Lea & Blanchard.*

- Journal of the Franklin Institute.** Third Series. Vol. XVII. No. 2. February, 1849. 8vo.—*From the Institute.*
- Twenty-eighth Report of the Council of the Leeds Philosophical and Literary Society, at the close of the Session, 1847–8.** Leeds, 1848. 8vo.—*From the Society.*
- Reports of the Proceedings of the Geological and Polytechnic Society of the West Riding of Yorkshire, 1847.** Leeds, 1848. 8vo.—*From the Society.*
- Collections of the New Jersey Historical Society.** Vol. III. 1849. 8vo.—*From the Society.*
- The African Repository and Colonial Journal.** Vol. XXV. No. 2. February, 1849.—*From the American Colonization Society.*
- Experimental Researches on the Post Mortem Contractility of the Muscles, with observations on the Reflex Theory.** By Bennet Dowler, M.D. New York, 1846. 8vo.—*From the Author, through S. G. Morton, M.D.*
- Criticisms and Controversies relating to the Nervous and Muscular Systems.** By Bennet Dowler, M.D. of New Orleans. New Orleans, 1847. 8vo.—*From the same.*
- Researches on Meteorology.** By Bennet Dowler, M.D. New Orleans, 1848. 8vo.—*From the same.*
- Researches, Critical and Experimental, on the Capillary Circulation.** By Bennet Dowler, M.D. of New Orleans. New Orleans, 1849. 8vo.—*From the same.*
- Monthly Notices of the Royal Astronomical Society.** Vol. IX. No. 1. Nov. 10, 1848. 8vo.—*From the Society.*
- Report on the Geology of South Carolina.** By M. Tuomey. Columbia, S. C. 1848. 4to.—*From the State of South Carolina.*
- Summary of the Transactions of the College of Physicians of Philadelphia, from September 6th, 1848, to January 2d, 1849, inclusive.** 8vo.—*From the College of Physicians.*
- Catalogue of the Library of the Historical Society of Pennsylvania.** Part I. History, Biography and Manuscripts. 1849. 8vo.—*From the Society.*
- Letter of Professor A. D. Bache, Superintendent of Weights, Measures and Balances, transmitting a Second Report on Inquiries and Researches relating to Hydrometers, &c., made under his superintendence, by Prof. R. S. M'Culloh, May 29, 1848.**—*From Prof. R. S. M'Culloh.*
- Reply to the Review by Mr. Avequin, of New Orleans, of M'Culloh's Report on Sugar.** Published in De Bow's Commercial Review. Philadelphia, 1848.—*From the same.*

The Committee, to which was referred, at the last meeting, a communication from Dr. Jahn, of Leipsic, entitled "De Calculo Eclipsium Besseliano Commentatio," made report thereon, recommending its publication in the Transactions of the Society: which publication was accordingly ordered.

Dr. Hays announced the decease of Dr. James Cowles Prichard, of Bristol, England, a member of this Society, who died 22d December, 1848, in the 62d year of his age.

The minutes of the last meeting of the Board of Officers and Council were reported.

Pending nominations, Nos. 226, 227 and 228, were read.

Dr. Elwyn mentioned a small instrument recently constructed by Peter A. Browne, Esq., called a Trichometer, for the purpose of testing the strength of hair, wool, and other fibrous materials; which promises to be practically useful in investigations relating to subjects of this nature.

*Stated Meeting, March 2.*

Present, five members.

Dr. PATTERSON, President, in the Chair.

A letter was received and read:—

From George W. Greene, dated Providence, February 26, 1849, requesting permission to have copies taken of the "General Greene Correspondence," in the Library of the Society:

Whereupon, upon motion of Dr. Elwyn, it was agreed that Mr. Greene have permission to procure copies of said correspondence, provided the same be made under the superintendence and direction of the librarian.

FOR THE LIBRARY.

Western America, including California and Oregon; with Maps of those Regions, and of the Sacramento Valley, from actual surveys. By Charles Wilkes, U. S. N. Philadelphia, 1849. 8vo.  
*From the Author.*

Report of the Pennsylvania Hospital for the Insane, for the year 1848. By Thomas S. Kirkbride, M.D. Physician to the Institution. Philadelphia, 1849. 8vo.—*From the Author.*